EMWIN GOES-R FILENAME CONVENTION

(A/Z)_TTAAiiCCCCYYGGgg[BBB]_C_KWIN_yyyyMMddhhmmss_nnnnnn-p-NNNxxxqq.
(TXT, ZIS, GIF, PNG, JPG)

Examples:
   a. US Tornado Warning:
      A_WFUS54KBMX260104_C_KWIN_20160126010535_000179-1-TORBMXAL.TXT
   b. US Area Forecast Discussion:
      A_FXUS65KABQ121804AAB_C_KWIN_201601121809_008996-2-AFDABQNM.TXT
   c. Radar image:
      Z_QATA00KWBC221605_C_KWIN_20160122161502_000542-3-RADGRTLK.GIF

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1. General file naming conventions:

pflag_productidentifier_oflag_originator_yyyyMMddhhmmss[_freeformat].type[.compression]

a. **pflag** is a character or combination of characters indicating how to decode the product identifier field. At this time, the pflag field has only the following acceptable value:

pflag	Meaning
A	The **productidentifier** field will be decoded as a standard Abbreviated Heading, including BBB as appropriate, space characters being discarded, e.g. $T_1T_2A_1A_2iiCCCCYYGGgg[BBB]$
Z	Originating center's local product identifier

b. **productidentifier** is a variable length field containing information that describes the nature of the data in the file. The **productidentifier** field should be decoded according to the **pflag:**

   $T_1T_2A_1A_2iiCCCCYYGGgg[BBB]$

   Note – the BBB field appears in the file name only when it appears as part of the included WMO bulletin.

c. **oflag** is a character or combination of characters indicating how to decode the **originator** field. At this time, the **oflag** field has only the following acceptable value:

oflag	Meaning
C	The **originator** field will be decoded as a standard CCCC country code

d. **originator** is a variable length field containing information that states where the file originated from. The originator field should be decoded according to the oflag:

  KWIN System Name: Emergency Managers Weather Information Network (EMWIN),
  Washington (National Meteorological COM Centre), DC, United States of America

e. **yyyyMMddhhmmss** is a fixed length date and time stamp field representing the date and time the file was created and assigned the filename

f. **freeformat** is a variable length field containing further descriptors as required by a given originator. Elements identified for use by KWIN are:

(1) *nnnnnn*   Message sequence number to guarantee uniqueness – six digit fixed length field, right justified with leading zeros as necessary. Resets to "000000" after "999999".
(2) *p*   EMWIN assigned product priority integer: 1 (highest), to 4 (lowest).

(3) *NNNxxxqq*   Eight character EMWIN file name convention used for GOES-R.
    NNN   Product category (nominally)
    xxx   Originator field (nominally)
      qq   State abbreviation (nominally)

g. file extension identifies the native file format and is preceded by a period "**.**" Authorized file extensions are:
    TXT – alpha numeric text format
    ZIS – compressed file format
    GIF – Graphics Interchange Format

PNG – Portable Network Graphics file format
JPG – Shorter extension for JPEG which stands for Joint Photographic Experts Group.